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- 1. An image processing apparatus comprising:
- 2 an original stage;
- a scanner establishing at least one scan region at the original stage, scanning the scan region established at the original stage, and outputting image data corresponding to the scan region;
 - an image processor accepting input of image data and carrying out processing on the image data; and
 - a controller controlling the scanner and the processor, and carrying out operations in accordance with any of one or more operational modes including a first operational mode;
 - wherein the controller, when carrying out operations in accordance with the first operational mode,
 - controls the scanner so as to cause the scanner to establish the scan region such that the scan region matches or is larger than a copy subject region at the original stage and such that the copy subject region is encompassed by the scan region; and
 - controls the image processor so as to cause the image processor to accept input from the scanner of image data corresponding to the scan region and to output enlarged image data obtained by enlarging, so as to be larger than a dimension or dimensions of the print medium in either a horizontal direction or a vertical direction or in both a horizontal direction and a vertical direction, image data corresponding to the copy subject region that is encompassed by image data corresponding to the scan region.
 - 2. An image processing apparatus according to claim 1 further comprising a printer using image data output by the image processor to carry out printing at the print medium.
- An image processing apparatus according to claim 1 wherein the controller assumes existence of a region corresponding to an original placed on the original stage based on a

- previously specified original size, and deems that the assumed region corresponding to the original is to be the copy subject region.
- 1 4. An image processing apparatus according to claim 1 wherein the controller detects a
- region corresponding to an original placed on the original stage through use of the scanner,
- and deems that the detected region corresponding to the original is to be the copy subject
- 4 region.
- 1 5. An image processing apparatus according to claim 1 wherein an arbitrary region at the
- original stage is specified by a user, and the controller deems that the region specified by the
- 3 user is to be the copy subject region.
- 1 6. An image processing apparatus according to claim 1 wherein the controller detects a
- copy subject within an original placed on the original stage through use of the scanner,
- establishes a region encompassing the detected copy subject, and deems that the established
- 4 region is to be the copy subject region.
- 1 7. An image processing apparatus according to claim 4 wherein:
- the scanner prescans the original stage prior to scanning of the scan region and outputs
- 3 prescan image data corresponding to the original stage; and
- 4 the controller detects a region corresponding to the original based on the original stage
- 5 prescan image data.
- 1 8. An image processing apparatus according to claim 3 wherein:
- the scanner prescans the original stage prior to scanning of the scan region and outputs
- 3 prescan image data corresponding to the original stage; and
- 4 the controller detects the copy subject based on the original stage prescan image data.
- 1 9. An image processing apparatus according to claim 2 wherein:
- the controller controls the printer so as to cause a positional relationship of a print start
- location relative to the print medium to vary in correspondence to a magnification employed
- 4 when the image processor enlarges image data corresponding to the copy subject region.

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image input circuitry accepting input of image data from an image-containing-data source other than the scanner;

wherein the one or more operational modes include a second operational mode; and the controller, when carrying out operations in accordance with the second operational mode, controls the image processor so as to cause the image processor to output enlarged image data obtained by enlarging, so as to be larger than a size of the print medium, a region subject to printing that is within image data input from the image-containing-data source by the image input circuitry.

11. An image processing apparatus according to claim 1 or claim 10 further comprising: image input circuitry accepting input of image data from an image-containing-data source other than the scanner;

wherein the one or more operational modes include a third operational mode; and the controller, when carrying out operations in accordance with the third operational mode, controls the image processor so as to cause the image processor to create and output superposed image data which is such that a region subject to printing in image data from the image-containing-data source input by the image input circuitry and image data corresponding to the copy subject region that is encompassed by image data corresponding to the scan region which is output from the scanner are superposed, and such that either the region subject to printing or the copy subject region or both the region subject to printing and the copy subject region is or are enlarged so as to be larger than a size of the print medium.

12. An image processing method capable of being carried out by scanner circuitry that scans an original stage and image processing circuitry that processes scan image data from the scanner circuitry, the image processing method comprising:

a step in which at least one scan region is established such that the scan region matches or is larger than a copy subject region at the original stage and such that the copy subject region is encompassed by the scan region;

7	a step in which the scan region is scanned and image data corresponding to the scan
8	region is obtained;
9	a step in which image data corresponding to the copy subject region that is
10	encompassed by the obtained image data corresponding to the scan region is enlarged so as to
11	be larger than a dimension or dimensions of the print medium in either a horizontal direction or
12	a vertical direction or in both a horizontal direction and a vertical direction; and
13	a step in which the enlarged image data corresponding to the copy subject region is
14	output.
1	13. An image processing method according to claim 12 further comprising a step in which
2	the enlarged image data corresponding to the copy subject region is used to carry out printing
3	at the print medium.
1	14. A computer program that when executed by a computer causes the computer to
2	control scanner circuitry which scans an original stage and image processing circuitry which
3	processes scan image data from the scanner circuitry, the computer program comprising:
4	a program segment for causing at least one scan region to be established such that the
5	scan region matches or is larger than a copy subject region at the original stage and such that
6	the copy subject region is encompassed by the scan region;
7	a program segment for controlling the scanner circuitry so as to cause the scan region
8	to be scanned and image data corresponding to the scan region to be obtained;
9	a program segment for controlling the image processing circuitry so as to cause image
10	data corresponding to the copy subject region that is encompassed by the obtained image data
11	corresponding to the scan region to be enlarged so as to be larger than a dimension or
12	dimensions of the print medium in either a horizontal direction or a vertical direction or in both

a program segment for controlling the image processing circuitry so as to cause the enlarged image data corresponding to the copy subject region to be output.

a horizontal direction and a vertical direction; and

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ľ	15. A computer program according to claim 14 further comprising a program segment for
2	controlling a printing apparatus so as to cause printing to be carried out at the print medium
3	using the enlarged image data corresponding to the copy subject region.
1	16. An image processing apparatus comprising:
2	an original stage;
3	a scanner establishing at least one scan region at the original stage, scanning the scan
4	region established at the original stage, and outputting image data corresponding to the scan
5	region;
6	an image processor accepting input of image data, carrying out processing on the input
7	image data, and outputting processed image data; and
8	a controller controlling the scanner and the processor, and carrying out operations in
9	accordance with any of one or more operational modes including a first operational mode;
10	wherein the controller, when carrying out operations in accordance with the first
11	operational mode,
12	controls the scanner so as to cause the scanner to establish the scan region such
13	that the scan region is smaller than a copy subject region at the original stage and such that the
14	scan region is encompassed by the copy subject region; and
15	controls the image processor so as to cause the image processor to accept inpu
16	of image data corresponding to the scan region and output by the scanner, and to output
17	enlarged image data obtained by enlarging, so as to be larger than a size of the print medium,
18	image data corresponding to the scan region.
1	17. An image processing apparatus according to claim 16 further comprising a printer
2	using image data output by the image processor to carry out printing at the print medium.
1 .	18. An image processing apparatus according to claim 16 wherein the controller assumes
2	existence of a region corresponding to an original placed on the original stage based on a
3	previously specified original size, and deems that the assumed region corresponding to the

original is to be the copy subject region.

- 1. 19. An image processing apparatus according to claim 16 wherein the controller detects a
- region corresponding to an original placed on the original stage through use of the scanner,
- and deems that the detected region corresponding to the original is to be the copy subject
- 4 region.
- 1 20. An image processing apparatus according to claim 16 wherein an arbitrary region at
- the original stage is specified by a user, and the controller deems that the region specified by
- 3 the user is to be the copy subject region.
- 1 21. An image processing apparatus according to claim 16 wherein the controller detects a
- copy subject within an original placed on the original stage through use of the scanner,
- establishes a region encompassing the detected copy subject, and deems that the established
- 4 region is to be the copy subject region.
- 1 22. An image processing apparatus according to claim 16 wherein:
- the controller causes the scan region to be established such that the scan region is
- smaller by a prescribed scanner margin than the copy subject region;
- 4 the image processor enlarges image data corresponding to the scan region so as to
- 5 cause the enlarged image data corresponding to the scan region to be larger by a prescribed
- 6 printer margin than the print medium in either a horizontal direction or a vertical direction or
- 7 in both a horizontal direction and a vertical direction; and
- 8 the scanner margin is smaller than the printer margin.
- 1 23. An image processing apparatus according to claim 16 wherein:
- the controller controls the printer so as to cause a positional relationship of a print start
- 3 location relative to the print medium to vary in correspondence to a magnification employed
- 4 when the processor enlarges image data corresponding to the copy subject region.
- 1 24. An image processing apparatus according to claim 16 further comprising:
- 2 image input circuitry accepting input of image data from an image-containing-data
- 3 source other than the scanner;
- 4 wherein the one or more operational modes include a second operational mode; and

the controller, when carrying out operations in accordance with the second operational
mode, controls the image processor so as to cause the image processor to output enlarged
image data obtained by enlarging, so as to be larger than a size of the print medium, a region
subject to printing that is within image data input from the image-containing-data source by
the image input circuitry.

25. An image processing apparatus according to claim 16 or claim 24 further comprising: image input circuitry accepting input of image data from an image-containing-data source other than the scanner;

wherein the one or more operational modes include a third operational mode; and the controller, when carrying out operations in accordance with the third operational mode, controls the image processor so as to cause the image processor to create and output superposed image data which is such that a region subject to printing in image data from the image-containing-data source input by the image input circuitry and image data corresponding to the copy subject region that is encompassed by image data corresponding to the scan region which is output from the scanner are superposed, and such that either the region subject to printing or the copy subject region or both the region subject to printing and the copy subject region is or are enlarged so as to be larger than a size of the print medium.

26. An image processing method capable of being carried out by scanner circuitry that scans an original stage and image processing circuitry that processes scan image data from the scanner circuitry, the image processing method comprising:

a step in which at least one scan region is established such that the scan region is smaller than a copy subject region at the original stage and such that the scan region is encompassed by the copy subject region;

a step in which the scan region is scanned and image data corresponding to the scan region is obtained;

a step in which the obtained image data corresponding to the scan region is enlarged so as to be larger than a dimension or dimensions of the print medium in either a horizontal

direction	on or a vertical direction or in both a horizontal direction and a vertical direction; and
	a step in which the enlarged image data corresponding to the copy subject region is
output	•
27.	An image processing method according to claim 16 further comprising a step in which
the enl	arged image data corresponding to the copy subject region is used to carry out printing
at the p	print medium.
28.	A computer program that when executed by a computer causes the computer to
contro	I scanner circuitry which scans an original stage and image processing circuitry which
proces	ses scan image data from the scanner circuitry, the computer program comprising:
	a program segment for causing at least one scan region to be established such that the
scan re	egion is smaller than a copy subject region at the original stage and such that the scan
region	is encompassed by the copy subject region;
	a program segment for controlling the scanner circuitry so as to cause the scan region
to be s	canned and image data corresponding to the scan region to be obtained;
	a program segment for controlling the image processing circuitry so as to cause the
obtaine	ed image data corresponding to the scan region to be enlarged so as to be larger than a
dimens	sion or dimensions of the print medium in either a horizontal direction or a vertical
direction	on or in both a horizontal direction and a vertical direction; and
	a program segment for controlling the image processing circuitry so as to cause the
enlarge	ed image data corresponding to the scan region to be output.
29.	An image processing apparatus comprising:
	an original stage;
	a scanner scanning at least one scan region at the original stage and outputting image
data co	orresponding to the scan region;
	an image processor processing image data corresponding to the scan region from the
scanne	r, creating print image data, and outputting the print image data; and
	a controller selecting any mode from among at least two of a plurality of varieties of

8	copy modes including a normal copy mode, a borderless copy mode, and a unity magnification	
9	copy mode, and controlling the image processor in correspondence to the selected mode;	
10	wherein the controller	
11	(1) when the normal copy mode is selected: controls the image processor so as to	
12	cause the print image data to be smaller than dimensions of the print medium in both a	
13	horizontal direction and a vertical direction;	
14	(2) when the borderless copy mode is selected: controls the image processor so as to	
15	cause the print image data to be larger than a dimension or dimensions of the print medium in	
16	either a horizontal direction or a vertical direction or in both a horizontal direction and a	
17	vertical direction; and	
18	(3) when the unity magnification copy mode is selected: controls the image processor	
19	so as to cause a size of the print image data to be the same as a size of image data	
20	corresponding to the scan region.	
1	30. An image processing apparatus according to claim 29 further comprising a printer	
2	using the print image data from the image processor to carry out printing at the print medium.	
1	31. An image processing apparatus according to claim 30 wherein:	
2	the controller controls the printer so as to cause a positional relationship of a print stars	
3	location relative to the print medium to vary in correspondence to the selected mode.	
1	32. An image processing method capable of being carried out by scanner circuitry that	
2	scans an original stage and image processing circuitry that processes scan image data from the	
3	scanner circuitry, the image processing method comprising:	
4	a step in which at least one scan region at the original stage is scanned and image data	
5	corresponding to the scan region is obtained;	
6	a step in which obtained image data corresponding to the scan region is processed and	
7	print image data is created;	
8	a step in which the print image data is output; and	
9	a step in which any mode is selected from among at least two of a plurality of varieties	

10	of copy modes including a normal copy mode, a oblightess copy mode, and a unity
11	magnification copy mode;
12	wherein the step in which print image data is created includes
13	(1) in the event that the normal copy mode is selected: a step in which a size of the
14	print image data is controlled so as to cause the print image data to be smaller than dimensions
15	of the print medium in both a horizontal direction and a vertical direction;
16	(2) in the event that the borderless copy mode is selected: a step in which a size of the
17	print image data is controlled so as to cause the print image data to be larger than a dimension
18	or dimensions of the print medium in either a horizontal direction or a vertical direction or in
19	both a horizontal direction and a vertical direction; and
20	(3) in the event that the unity magnification copy mode is selected: a step in which a
21	size of the print image data is controlled so as to be the same as a size of image data
22	corresponding to the scan region.
1	33. A computer program that when executed by a computer causes the computer to
2	control scanner circuitry which scans an original stage and image processing circuitry which
3	processes scan image data from the scanner circuitry, the computer program comprising
4	a program segment for controlling the scanner circuitry so as to cause at least one scar
5	region at the original stage to be scanned and image data corresponding to the scan region to
6	be obtained;
7	a program segment for controlling the image processor circuitry so as to cause
8	obtained image data corresponding to the scan region to be processed, and so as to cause prin
9	image data to be created and output; and
10	a program segment for causing any mode to be selected from among at least two of a
11	plurality of varieties of copy modes including a normal copy mode, a borderless copy mode,
12	and a unity magnification copy mode;
13	wherein the program segment for controlling the image processor circuitry includes
14	(1) in the event that the normal copy mode is selected: a program segment for causing

a size of the print image data to be controlled so as to cause the print image data to be smaller than dimensions of the print medium in both a horizontal direction and a vertical direction;

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- (2) in the event that the borderless copy mode is selected: a program segment for causing a size of the print image data to be controlled so as to cause the print image data to be larger than a dimension or dimensions of the print medium in either a horizontal direction or a vertical direction or in both a horizontal direction and a vertical direction; and
- (3) in the event that the unity magnification copy mode is selected: a program segment for causing a size of the print image data to be controlled so as to be the same as a size of image data corresponding to the scan region.